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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Chan-Soo HWANG et al.

Docket: 678-1272

Serial No.: 10/771,494

Dated: July 9, 2004

Filed: February 4, 2004

For: APPARATUS AND METHOD FOR  
TRANSMITTING/RECEIVING DIFFERENTIAL  
STBC USING CHANNEL POWER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to Applicants' duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. A copy of each reference is attached hereto.

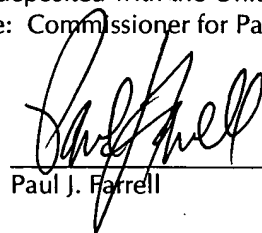
The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 9, 2004.

Dated: July 9, 2004

  
Paul J. Farrell

The filing of this Information Disclosure Statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

To the best of Applicants' knowledge, this Information Disclosure Statement is being filed before the date of mailing of a first Office Action in connection with this case.

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

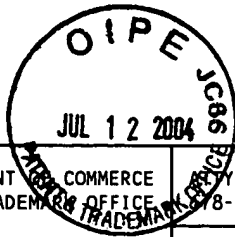
A handwritten signature in black ink, appearing to read "Paul J. Farrell", is written over the typed name.

Paul J. Farrell

Reg. No. 33,494

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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAPP. DOCKET NO.  
18-1272SERIAL NO.  
10/771,494INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANTS  
Chan-Soo HWANG et al.FILING DATE  
February 4, 2004GROUP ART UNIT  
Not Yet Assigned

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		1.	Tarokh et al., "Space-Time Block Codes from Orthogonal Designs", IEEE Transactions on Information Theory, Vol. 45, No. 5, July 1999, pp. 1456-1467.
		2.	Jafarkhani et al., "Multiple Transmit Antenna Differential Detection From Generalized Orthogonal Designs", IEEE Transactions on Information Theory, Vol. 47, No. 6, September 2001, pp. 2626-2631.

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.